

## ABSTRACT OF THE DISCLOSURE

A recording head moving mechanism has a pair of guide rails fixed to a support member, and a ball screw extending parallel to the guide rails. The ball screw is  
5 rotatable by a motor to move a recording head parallel to an axis of a plate cylinder. At an image-recording time, the recording head records an image while being moved at a constant speed by the moving mechanism through a moving region between a recording start position and a recording  
10 finish position. After recording the image, the recording head is moved to a retreat position.